REFERENCES ON NEVADA TEST SITE ECOLOGICAL RESEARCH

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The following references came to my attention while I was associated with the U. S. Atomic Energy Commission. The list has been restricted to research conducted on the area since the establishment of the Nevada Test Site. It includes papers resulting in their entirety from such efforts as well as papers covering a much broader geographical area but including data from the site.

Many current reports of the U. S. Atomic Energy Commission and its associates will probably appear in the open literature at some

future date.

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References

Allred, D. M. 1963. Mites from pocket mice at the Nevada Test Site. (Acarina). Proc. Entomol. Soc. Wash. 65(3):231-233.

1963. Mites on grasshopper mice at the Nevada atomic test site. Great

Basin Nat. 22(4):101-104. 1963. Mites on squirrels at the Nevada atomic test site. J. Parasitol.

48(6):817. 1965. Note of phalangids at the Nevada Test Site. Great Basin Nat.

25(1-2):37-38.

Allred, D. M., and D E. Beck. 1962. Ecological distribution of mites on

lizards at the Nevada atomic test site. Herpetologica 18(1):47-51.

—. AND ——. 1963. Comparative ecological studies of animals at the Nevada Test Site. In: Radioecology. (V. Schultz and A. W. Klement, Jr., eds.) Reinhold Publ. Corp., N. Y., N. Y. pp. 327-331.

—. AND ——. 1963. Ecological distribution of some rodents at the Ne-

vada atomic test site. Ecology 44(1): 211-214.

—, AND ——. 1963. Range of movement and dispersal of some rodents of the Nevada atomic test site. J. Mammal. 44(2):190-200.

of the Nevada atomic test site. J. Mammai. 47(2):150-200.

—, AND —, 1964. Arthropod associates of plants at the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser. 5(2):1-16.

"AND —, 1964. Mites on reptiles at the Nevada atomic test site. Trans. Am. Micro. Soc. 83(2):266-268.

Allred, D. M. And M. A Goates. 1964. Mites from mammals at the Nevada nuclear test site. Great Basin Nat. 24(2):71-73.

. AND -1964. Mites from wood rats at the Nevada Test Site.

J. Parasitol. 50(1):171.

- Allred, D. M. and S. Mulaik. 1965. Two isopods of the Nevada Test Site. Great Basin Nat. 25(1-2):43-47.

 Allred, D. M., D E. Beck, and C. D. Jorgensen. 1966. A summary of the
- ecological effects of nuclear testing on native animals at the Nevada Test Site. Proc. Utah Acad. Sci., Arts. and Letters 43:252-260.

Brigham Young Univ. Sci. Bull., Biol. Ser. 2(2):1-52; 1 map.

-, AND -_____. 1963. Close-in effects of an underground nuclear detonation on small mammals and selected invertebrates (Project SEDAN).

^{1.} Department of Zoology, Washington State University, Pullman, Washington 99163.

U. S. AEC Report PNE-226P. IV, 19 pp. (Final report: 1964, PNE 226F, IV, 18 pp.)

1963. Nevada Test Site study areas and specimen , AND depositories. Brigham Young Univ. Sci. Bull., Biol. Ser. 2(4):1-15.

ALLRED, D. M., D E. BECK, AND J. R. MURDOCK. 1960. Comparative ecological studies of animals exposed to nuclear detonation. Proc. Utah Acad. Sci., Arts, and Letters 37:152-153.

ALLRED, D. M., D. E. JOHNSON, AND D E. BECK. 1965. A list of some bee flies of the Nevada Test Site. Great Basin Nat. 25(1-2): 5-11.

ANDERSON, A. O., AND D. M. ALLRED. 1964. Kangaroo rat burrows at the Nevada Test Site. Great Basin Nat. 24(3-4):93-101.

BARNUM, A. H. 1964. Orthoptera of the Nevada Test Site. Brigham Young

Univ. Sci. Bull., Biol. Ser. 4(3):1-134; 1 map.

Beatley, J. C. 1962. Vascular plants of the U.S. Atomic Energy Commission's Nevada Test Site, Nye County, Nevada. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-508. 33 pp.

Annual vegetation of the northern Mojave Desert, (abstr.) Bull.

Ecol. Soc. Am. 44(4):122-123.

1963. Vegetation and environments of the Nevada Test Site, (abstr.)

Bull. Ecol. Soc. Am. 44(4):123.

Ecological status of introduced species at the Nevada Test Site. (abstr.) Bull. Ecol. Soc. Am. 45(3):78.

1964. Effects on desert vegetation of a nuclear detonation, Nevada Test

Site. (abstr.) Bull. Ecol. Soc. Am. 45(3):80.

The vascular flora of the Nevada Test Site, Nye County, Nevada. (abstr.) Am. J. Botany 51(6):687.

1965. Ecology of the Nevada Test Site. I. Geographic and ecologic distributions of the vascular flora (annotated check list), Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA 12-553. 69 pp.

—. 1965. Ecology of the Nevada Test Site. II. Status of introduced species. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA 12-554. 39 pp.

—. J. C. 1965. Ecology of the Nevada Test Site. III. Survival of winter annuals, 1963-64. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA 12-555. 21 pp.

1965. Ecology of the Nevada Test Site, IV. Effects of the Sedan detonation on desert shrub vegetation in northeastern Yucca Flat, 1962-65. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA 12-571. 55 pp.

—. 1965. Survival of winter annuals in the northern Mojave Desert. (abstr.) Bull. Ecol. Soc. Am. 46(2):40.

(abstr.) Bull. Ecol. Soc. Am. 46(2):40.

——. 1965. Effects of radioactive and nonradioactive dust upon Larrea divaricata Cav., Nevada Test Site. In: Radiation and Terrestrial Ecosystems. (Hungate, F. P., ed.) Health Physics 11(12):1621-1625.

Beck, D E., and D. M. Allred. 1966. Siphonaptera (fleas) of the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser., 7(2):1-27.

——., and ——. 1966. Tingidae, Neididae (Berytidae) and Pentatmoidae of the Nevada Test Site. Great Basin Nat. 26(1-2):9-16.

Beck, D. E., D. M. Allred, and E. P. Brinton. 1963. Ticks of the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser. 4(1):1-11; 1 map. Beck, D. E., D. M. Allred, J. R. Murdock, C. D. Jorgensen, C. L. Hayward, and W. W. Tanner. 1964. Nevada Test Site desert ecology. Proc. Utah Acad. Sci., Arts, and Letters 41(2):202-209.

Brandenburg, M. K., H. L. Mills, W. H. Rickard, and L. M. Shields. 1962. Effects of acute gamma radiation on growth and morphology in Pinus monophylla Torr, and Frem. (pinyon pine). Radiation Botany 2(3-4):251-263.

Brennan, J. M. 1965. Five new chiggers from southwestern United States (Acarina: Trombiculidae). J. Parasitol. 51(1):108-113.

Brinton, E. P., D E. Beck, and D. M. Allred. 1965. Identification of the adults, nymphs and larvae of ticks of genus Dermacentor Koch (Ixodidae) in the western United States, Brigham Young Univ. Sci. Bull., Biol. Ser. 5(4):

Chamberlin, R. V. 1962. Millipeds from the Nevada test area. Proc. Biol. Soc. Wash. 75:53-56.

1962. New records and species of chilopods from Nevada and Oregon. Entomol. News 73(5):134-138.

-. 1963. A new genus in the chilopod family Tanpividae, Proc. Biol. Soc.

Wash. 76:33-36.

—. 1965. A new genus and species in the chilopod family Tampiyidae. Great Basin Nat. 25(1-2):39-42.

Cole, A. C. 1963. A new species of Veromessor Forel from the Nevada Test Site and notes on related species (Hymnoptera: Formicidae), Ann. Entomol. Soc. Am. 56(5):678-682.

—. 1965. Discovery of the worker caste of *Pheidole (P.) inquilina*, new combination (Hymenoptera: Formicidae). Ann. Entomol. Soc. Am. 58(2):

173-175.

Cole, A. C., Jr. 1966. Ants of the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser. 7(3):1-27.

Drouer, F. 1959. Algal flora of the Nevada Test Site. (abstr.) J. Colorado-Wyoming Acad. Sci. 4(11):31.

Durrell, L. W., and L. M. Shields. 1960. Fungi isolated in culture from soils of the Nevada Test Site. Mycologia 52(4):636-641.

Trans. Am. Micro. Soc. 80(1):73-79.

French, N. R. 1963. The source of ingested radioactivity in desert rodents. (abstr.) Bull. Ecol. Soc. Am. 44(3):74.

1963. Fallout and natural populations. In: Proc. First Intern. Conf. on Wildlife Disease. High View, New York, June 24-27, 1962. Wildlife Disease Assoc., pp. 152-156. (micro card).

—. 1964. A radiation facility for ecological studies at the AEC Nevada Test Site. (abstr.) Bull. Ecol. Soc. Am. 45(3):79.

-. 1964. Analysis of dispersal in desert rodents. (abstr.) Bull. Ecol. Soc.

Am. 45(3):115.

-. 1964. Description of a study of ecological effects on a desert area from chronic exposure to low level ionizing radiation. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA 12-532. 27 pp., 15 figures.

—. 1965. Mortality and fertility in a desert population of pocket mice.

(abstr.) Bull. Ecol. Soc. Am. 46(3):122.

-. 1965. Radiation and animal populations: problems, progress and projections. In: Radiation and Terrestrial Ecosystems. (Hungate, F. P., ed.) Health Physics 11(12):1557-1568.

French, N. 1966. Irradiated desert rodent populations. In: Radiation Effects on

French, N. 1900. Irradiated desert rodent populations. In: Madiation Effects on Natural Populations. (Sacher, G. A., ed.). Div. of Biological and Medical Research, Argonne National Lab., Lemont, Ill. p. 22.

French, N. R., and K. H. Larson. 1963. Environmental pathways of radioactive iodine from nuclear tests in arid regions. In: Radioecology. (V. Schultz and A. W. Klement, Jr., eds.). Reinhold Publ. Corp., N. Y., N. Y. pp. 77-81. (Also: Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-499).

French, N. R., B. G. Maza, and A. P. Aschwanden. 1965. Duration of life in confined populations of desert rodents. (abstr.) Bull. Ecol. Soc. Am. 46(2):40.

FURMAN, D. P. AND F. J. RADOVSKY. 1963. A new species of Ornithonyssus from the white-tailed antelope squirrel, with a re-diagnosis of the genus Ornithonyssus (Acarina: Dermanyssidae). Pan-Pacific Entomologist 39(2): 75-79.

GARCIA, P. L. 1960. The influence of Larrea divaricata and Atriplex canescens on soil pH, electrical conductivity and soluble sodium content. Master's Thesis, New Mexico Highlands Univ., Las Vegas, New Mexico, vii, 63 pp. Gertsch, W. J., and D. M. Allred. 1965. Scorpions of the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser. 6(4):1-15.

GONTES, M. A. 1963. Mites on kangaroo rats at the Nevada Test Site. Brigham

Young Univ. Sci. Bull., Biol. Ser. 3(4):1-12; 2 maps.

Haley, T. J., R. G. Lindberg, A. M. Fiesher, K. Raymond, W. McKibben, and P. Hayden. 1960. Response of the kangaroo rat (Dipodomys merriami Mearns) to single wholebody x-irradiation. Radiation Research 12(1):103-111.

(Also: Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-4-40).

Hall, W. P., III. 1965. Microclimatic factors. (abstr.) Bull. Ecol. Soc. Am.

46(2):50.

HARVEY, R. A. 1965. Assessment of radiation effects of desert shrubs. (abstr.) Bull. Ecol. Soc. Am. 46(2):50.

HAYWARD, C. L., M. L. KILLPACK, AND G. RICHARDS. 1963. Birds of the Nevada Test Sice, Nye County, Nevada. Brigham Young Univ. Sci. Bull., Biol. Ser. 3(1):1-27; 1 map.

Herrin, C. S., and D. E. Beck. 1965. Observations on the biology, anatomy, and morphology of Otobius lagophilus Cooley and Kohls. Brigham Young Univ. Sci. Bull., Biol. Ser. 6(2):1-19.

Hill, H. O. 1965. Composition of the shrub community. (abstr.) Bull. Ecol. Soc. Am. 46(2):50.

Jorgensen, C. D. 1962. Disturbance of mammal traps by jack rabbits. Great Basin Nat. 22(1-3):83-86.

—. 1963. Spacial and time distribution of *Dipodomy's microps occidentalis* Haldeman. (Scarabaeidae: Rutelinae). Pan-Pacific Entomologist 39(3): 154-156.

1963. Spacial and time distribution of Dipodomys microps occidentalis Hall and Dale within distinct plant communities. Ecology 44(1):183-187.

JORGENSEN, C. D., AND C. L. HAYWARD. 1963. Notes on shrews from southern Nevada. J. Mammal. 44(4):582.

-. 1965. Mammals of the Nevada Test Site. Brigham Young

Univ. Sci. Bull., Biol. Ser. 6(3):1-81.

JORGENSEN, C. D., AND A. M. ORTON. 1962. Note of lizards feeding on oatmeal

bait. Herpetologica 17(4):278.

JORGENSEN, C. D., AND W. W. TANNER. 1963. The application of the density probability function to determine the home ranges of Uta stansburiana and Cnemidophorus tigris. Herpetologica 19(2):105-115. JORGENSEN, C. D., D. M. ALLRED, AND D E. BECK. 1963. Some effects of an

underground nuclear detonation on biotic communities at the Nevada Test

Site. Proc. Utah Acad. Sci., Arts, and Letters 40(1):49-61.

JORGENSEN, C. D., A. M. ORTON, AND W. W. TANNER. 1963. Voice of the leopard lizard, Crotaphytus wislizeni Baird and Girard. Proc. Utah Acad. Sci., Arts, and Letters 40(1):15-16.
Killpack, M. L., and M. A. Goates. 1963. Bat captured in snap trap. J.

Mammal. 44(1):125-126.

LARSON, K. H., AND J. W. NEEL. 1959. Findings related to the testing program at Nevada Test Site. In: Fallout from Nuclear Weapons Tests. Joint Committee on Atomic Energy, Congress of the United States 3:2006-2020. (Also: Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-438).

LARSON, K. H., H. A. HAWTHORNE, AND J. H. OLAFSON. 1962. Nevada Test Site fallout: some characteristics, its apparent environmental equilibrium and biological availability. In: Radioactive Fallout from Nuclear Weapons Tests. (A. W. Klement, Jr., ed.) U. S. AEC Report TID-7632. Book 1, pp. 4-24.

LARSON, K. H., J. H. OLAFSON, H. M. MORK, AND D. R. HOWTON. 1952. Field Observations and preliminary field data obtained by the UCLA survey group, Operation Jangle, Nov. 1951. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-182. 29 pp.

Leitch, J. L. 1951. Summary of the radiological findings in animals from the biological surveys of 1947, 1948, 1949, and 1950. Univ. of Calif. at Los An-geles, U. S. AEC Report UCLA-111. 30 pp.

LINDBERG, R. G. 1959. Factors influencing the biological consequences of environmental contamination by nuclear debris. Proc. of the Second Plowshare Symposium, May 13-15, 1959, San Francisco, California. Part II. Excavation. Univ. of Calif., Livermore, Plowshare Series Report 2, U. S. AEC Report UCRL-5675. pp. 42-59.

LINDBERG, R. G., AND K. H. LARSON. 1956. The short-term biological fate and persistence of radioactive fallout as measured at various locations within fallout patterns. In: The Shorter-Term Biological Hazards of a Fallout Field. (G. M. Dunning and J. A. Hilchen, eds.) U. S. AEC and Department of Defense. U. S. Government Printing Office, Washington. pp. 197-204

LINDBERG, R. G., E. M. ROMNEY, J. H. OLAFSON, AND K. H. LARSON. 1959. The factors influencing the biological fate and persistence of fallout (Operation Teapot). Univ. of Calif. at Los Angeles, U. S. AEC Weapons Test Report

WT-1177. 78 pp.
Lindberg, R. G., J. T. Scanlan, J. C. Watson, W. A. Rhoads, and K. H. Larson. 1954. Environmental and biological fate of fallout from nuclear detonations in areas adjacent to the Nevada Proving Grounds, Operation Upshot-Knothole Univ. of Calif. at Los Angeles, U. S. AEC Weapons Test Report WT-812. 49 pp.

Lucas, A. C., and N. R. French. 1966. A miniature thermoluminescent dosimeter and its application. Proc. Intern. Conf. on Luminescence Dosimetry.

Held in June 1965, Stanford Univ., Stanford, Calif. (In press.)

Martin, W. E. 1962. Applications of fundamental biology to the needs of man. 4. Radioecology and the study of environmental radiation. Univ. of Calif. at Los Angeles, U. S. AEC Report TID-16060. 70 pp.

1962. Immediate effects of a nuclear detonation on desert vegetation.

(abstr.) Bull. Ecol. Soc. Am. 43(4):123-124.

-. 1963. Close-in effects of an underground nuclear detonation on vegetation. I. Immediate effects of cratering, throw-out, and blast (Project SEDAN).

U. S. AEC Report PNE-228P. 41 pp. (Final report 228F, in press.).

1963. Notes on the deposition of fallout in relation to topography and local meteorological conditions. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-513, 16 pp.

1963. Loss of I131 from fallout-contaminated vegetation, Health Physics

9(12): 1141-1148.

1964. Radioecology and the study of environmental radiation. Bull. Torrey Bot. Club 91(4):283-323.

Losses of Sr⁹⁰ and ⁸⁹, and I¹³¹ from fallout-contaminated plants.

Radiation Botany 4(3):275-284.

1965. Radiation facilities and objectives. (abstr.) Bull. Ecol. Soc. Am.

46(2):39.

1965. Early food-chain kinetics of radionuclides following close-in fallout from a single nuclear detonation. In: Radioactive Fallout from Nuclear Weapons Tests. (Klement, A. W., Jr., ed.) U. S. AEC Symposium Series No. 5. pp. 758-782.

1965. Interception and retention of radioactive fallout by desert shrubs

in the Sedan fallout field. U. S. AEC Report PNE-238F. 40 pp.

- -. 1965. Interception and retention of fallout by desert shrubs. In: Radiation and Terrestrial Ecosystems. (Hungate, F. P., ed.) Health Physics 11(12): 1341-1354.
- —. 1966. Close-in effects of nuclear excavation and radiation on desert vegetation. In: Radiation Effects on Natural Populations. (Sacher, G. A., ed.) Div. of Biological and Medical Research, Argonne National Lab., Lemont, Ill. pp. 7-9.
- MARTIN, W. E., AND F. B. TURNER. 1963. Increased environmental radiation in southern Nevada, October-December, 1961. Univ. of Calif. at Los Angeles. U. S. AEC Report UCLA-518. 45 pp.
 - —, AND ——. 1965. Food-chain relationships of radiostrontium in the Sedan fallout field. U. S. AEC Report PNE-237F, iv, 61 pp.
- ____, and _____. 1966. Transfer of Sr⁸⁹ from plants to rabbits in a fallout field. Health Physics 12 (In press).
- MILLS, H. L., AND L. M. SHIELDS. 1961. Root absorption of fission products by Bromus rubens L. from the AEC Nevada Test Site soil contaminated by an underground nuclear explosion. Radiation Botany 1(1):84-91.
- Muma, M. H. 1962. The Arachnid Order Solpugida in the United States, Supplement 1. Amer. Mus. Novitates 2092:1-44.
 - -. 1963. Solpugida of the Nevada Test Site. Brigham Young Univ. Sci.

Bull., Biol. Ser. 3(2):1-13; 2 maps.

Neel, J. W., and K. H. Larson. 1963. Biological availability of strontium-90 to small native animals in fallout patterns from the Nevada Test Site. In: Radioecology. (V. Schultz and A. W. Klement. Jr., eds.) Reinhold Publ. Corp., N. Y., N. Y. pp. 45-49. (Also: Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-500).

OLAFSON, J. H., J. W. NEEL, C. J. SPIEGL, R. H. WILSON, F. G. LOWMAK, AND K. H. LARSON. 1953. Preliminary study of off-site, air-borne radioactive materials, Nevada proving grounds, I. Fallout originating from Snapper 6, 7, and 8 at distances of ten to fifty miles from ground zero. Univ. of Calif. at Los Angeles, U. S. AEC Report UCLA-243. 123 pp.

RAVEN, P. H. 1964. Polypogon australias Bronga in Nevada. Leaf. West. Bot.

10:117.

RICHARDS, G. 1962. Wintering habits of some birds at the Nevada atomic test site. Great Basin Nat. 22(1-3):30-31.

RICHARDS, G. L. 1965. Prairie falcon imitates flight pattern of the loggerhead shrike. Great Basin Nat. 25(1-2):48.

RICKARD, W. H. 1959. Gross vegetation patterns within the Nevada Test Site. (abstr.) J. Colorado-Wyoming Acad. Sci. 4(11):32. 1961. Notes on bird nests found in a desert shrub community following

nuclear detonations. Condor 63(3):265-266.

1962. Phytosociological analysis in a desert shrub community following

RICKARD, W. H., AND J. R. MURDOCK. 1963. Soil moisture and temperature survey of a desert vegetation mosaic. Ecology 44(4):821-824.
RICKARD, W. H., AND L. M. SHIELDS. 1963. An early stage in the plant re-

colonization of a nuclear target area. Radiation Botany 3(1):41-44.
ROWLAND, R. H., AND F. B. TURNER. 1964. Correlation of the local distributions of Dipodomy's microps and D. merriami and of the annual grass Bromus

rubens. Southwestern Nat. 9(2):56-61.
Schultz, V. (ed.; comp.). 1961. Off-site ecological research of the Division of Biology and Medicine - terrestrial and freshwater. U. S. AEC Report TID-13358. VII, 138 pp.; 1st Revision, V, 122 pp. (1963); 2nd Revision, V, 129 pp.

Shields, L. M. 1959. Recovery of vegetation in the vicinity of ground zero sites. (abstr.) J. Colorado-Wyoming Acad. Sci. 4(11):30-31.

. 1959. An appraisal of radiation effects on vegetation within the Nevada

Test Site. (abstr.) Proc. IX Intern. Botanical Congr. IIA:33.

SHIELDS, L. M., AND F. DROUET. 1962. Distribution of terrestrial algae within the Nevada Test Site. Am. J. Botany 49(6):547-554.

SHIELDS, L. M., AND W. H. RICKARD. 1960. Recovery of vegetation in the

vicinity of ground zeros at the Nevada Test Site. (abstr.) Bull. Ecol. Soc. Am. 41(4):119.

, AND ____. 1961. A preliminary evaluation of radiation effects at the Nevada Test Site. In: Recent Advances in Botany, Univ. of Toronto Press,

Toronto, Canada. pp. 1387-1390. Shields, L. M., and P. V. Wells. 1962. Effects of nuclear testing on desert vegetation. Science 135(3497):38-40.

servations of radiosensitivity of algae and fungi in soils from the Nevada

Test Site. Ecology 42(2):440-441.
Shields, L. M., P. V. Wells, and W. H. Rickard. 1963. Vegetational recovery on atomic target areas in Nevada. Ecology 44(4):697-705.

STEVENSON, E. W. 1965. Soil types. (abstr.) Bull. Ecol. Soc. Am. 46(2):50.

TANNER, V. M. 1963. A new species of Craniotus (Coleoptera: Tenebrionidae). Great Basin Nat. 23(3-4):167-170.

1966. Rhynchophora beetles of the Nevada Test Site. Brigham Young

Univ. Sci. Bull. Ser. 8(2):1-35.
TANNER, V. M., AND W. A. PACKHAM. 1962. Pelecyphorus semilaevis (Horn) (Coleoptera: Tenebrionidae). Great Basin Nat. 22(4):110-113.

- —. 1965. Tenebrionidae beetles of the Nevada Test Site. Brigham Young Univ. Sci. Bull., Biol. Ser. 6(1):1-44.
 TANNER, W. W., AND B. H. BANTA. 1962. The distribution of Tantilla utahensis
- Blanchard. Great Basin Nat. 12(4):116-118.
- TANNER, W. W., AND C. D. JORGENSEN. 1963. Reptiles of the Nevada Test Site.
- Brigham Young Univ. Sci. Bull., Biol. Ser. 3(3):1-31; 1 map.
 Towner, J. W. 1965. The effect of radioactive fallout at the Nevada Test Site on the chromosomes of native populations of the pocket mouse. In: Radiation and Terrestrial Ecosystems. (Hungate, F. P., ed.) Health Physics 11(12): 1569-1571.
- Turner, F. B. 1962. Some influences of an underground nuclear detonation on close-in populations of whiptailed lizards (Cnemidorphorus tigris) at the Nevada Test Site. (abstr.) Bull. Ecol. Soc. Am. 43(4):124.
- 1963. A mathematical model for time-specific relationships of I¹³¹ between food consumed and the thyroid burden. (abstr.) Bull. Ecol. Soc. Am. 44(3):75.
 - 1963. Biotic communities of the Nevada Test Site (a review). Ecology 44(3):663-664.
- 1963. Influence of a cratering device on close-in populations of lizards
- (Project SEDAN). U. S. AEC Report PNE-224F. vi, 35 pp. 1963. Quantitative relationships between fallout radioiodine on native
- vegetation and in the thyroids of herbivores. Health Physics 9(12):1241-1246. -. 1965. Uptake of fallout radionuclides by mammals and a stochastic simulation of the process. In: Radioactive Fallout from Nuclear Weapons Tests, (Klement, A. W., Jr., ed.). U. S. AEC Symposium Series No. 5,
- pp. 800-820. Growth rate of lizards (Uta stansburiana) exposed to chronic -. 1966. gamma radiation. In: Radiation Effects of Natural Populations. (Sacher, G. A., ed.) Div. of Biological and Medical Research, Argonne National Lab.,
- Lemont Ill. pp. 46-52.

 Turner, F. B., and C. S. Gist. 1965. Influence of a thermonuclear cratering test on close-in populations of lizards. Ecology 46(6):845-852.
- Turner, F. B., and W. E. Martin. 1963. Food-chain relationships of iodine-131 following two nuclear tests in Nevada (Project SEDAN). U. S. AEC Report PNE-236. 70 pp. (Final Report: 1964 PNE-236F, pp. 5-54.) Turner, F. B., G. A. Hoddenbach, and J. A. Lannom. 1965. Growth of Uta
- stansburiana in four experimental areas at the Nevada Test Site. (abstr.) Bull. Ecol. Soc. Am. 46(2):51.
- TURNER, F. B., G. A. HODDENBACH, AND J. R. LANNOM, JR. 1965. Growth of lizards in natural populations exposed to gamma irradiation. In: Radiation and Terrestrial Ecosystems. (Hungate, F. P., ed.) Health Physics 11(12): 1585-1593.
- TURNER, F. B., R. H. ROWLAND, AND R. A. WOOD. 1965. Radioactivity in jack rabbits after the Sedan test of 1962. Univ. of Calif. at Los Angeles, U. S. AEC Report, UCLA-12-572. 26 pp.
- 1966. Nuclear engineering and wildlife: radioactivity in jackrabbits after the Sedan test. J. Wildl. Mgt. 30(2):433-443.
- Turner, F. B., B. Kowalewsky, R. H. Rowland, and K. H. Larson. 1963. Uptake of radioactive materials from a nuclear reactor by small mammals at the Nevada Test Site. Health Physics 10(1):65-68. (Also: Univ. of Calif. at Los Angeles, U. S. AEC Report TID-18864.)
- Wells, P. V. 1961. Succession in desert vegetation on streets of a Nevada ghost town. Science 134(3480):670-671.
- —. 1964. Pleistocene vegetation in the Mohave Desert: some woodrat midden evidence. (abstr). Bull. Ecol. Soc. Am. 45(3):76.
- Wells, P. V., and C. D. Jorgensen. 1964. Pleistocene wood rat middens and climate change in Mohave Desert: A record of juniper woodlands. Science 143(3611):1171-1173.
- Wells, P. V., and L. M. Shields. 1961. Disturbance and succession in desert vegetation on the Nevada Test Site of the U. S. Atomic Energy Commission. (abstr.) Bull, Ecol. Soc. of Am. 42(3):109.

——, AND ——. 1962. Distribution of Larrea in relation to a temperature inversion in Yucca Flat, Nevada. (abstr.) Bull. Ecol. Soc. Am. 43(4):118.
——, AND ——. 1964. Distribution of Larrea in relation to temperature zonation at the Nevada Test Site. Southwestern Nat. 9:51-55.
WHITE, L. D. 1962. Concrete molds of rodent burrows. J. Mammal. 43(2):265.
WHITE, L. D., AND D. M. ALLRED. 1961. Range of kangaroo rats in areas affected by atomic detonations. Proc. Utah Acad. Sci., Arts, and Letters 38(1):101-110.